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03/09/01 OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/751,797

DATE: 03/22/2001
TIME: 11:45:59

Input Set : A:\09751797.txt
Output Set: N:\CRF3\03222001\I751797.raw

ENTERED

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1 <110> APPLICANT: Dumoutier, Laure
2     Louhed, Jamila
3     Renauld, Jean-Christophe
5 <120> TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Factors
6     (TIF's) The Proteins Encoded, and Uses Thereof
8 <130> FILE REFERENCE: LUD 5543.2
10 <140> CURRENT APPLICATION NUMBER: 09/751,797
11 <141> CURRENT FILING DATE: 2000-12-29
13 <150> PRIOR APPLICATION NUMBER: 09/419,568
14 <151> PRIOR FILING DATE: 1999-10-18
16 <150> PRIOR APPLICATION NUMBER: US09/178,973
18 <151> PRIOR FILING DATE: 1998-10-26
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24 <212> TYPE: DNA
25 <213> ORGANISM: Mus musculus
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30 <210> SEQ ID NO: 2
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33 <213> ORGANISM: Mus musculus
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49 <213> ORGANISM: Mus musculus
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56 <212> TYPE: DNA
57 <213> ORGANISM: Mus musculus
W--> 58 <220> FEATURE:
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239 acgaggagcg ggcagactgt gggagacctg gcatttaggg aaggcgcggc tttcacacg 3600
241 agaaaacctta tgctcatctc ttgtgctaca ctccccacctt tgatgagggt cagctcaggt 3660
243 ttcgtttcta ccgttcttc tactggtgga aacttcagta ggattcccca aagacgagga 3720
245 cagctttctc gtaagggagg gacctggatt tcagtgccct agagaacgaa atagctcaga 3780
247 gaatcttaggt caacgtaaaa tctaggtcac agcgggcaaa aatgactgaa cgcccttatt 3840
249 ccaggtgaac ggtcacgtgc ctcagatata ctgaggtatt gggctccac cggataagat 3900
251 tctgttagtg agtctgttt tatttgccag cacatcagcg gtgacgacca gaacatccag 3960
253 aagaatgtca gaaggctgaa ggagacagtg aaaaaggtac tattggcaag ccacaatact 4020
255 aagccattca gtaggagacg tgggatttc tttctctgtc tcccagtccc ttctactttg 4080
257 taacatttta tttagttgt ctactatctg gtccattact cgcttagctg cacctgtatc 4140
259 tagctgggtc tatagatctt tcaatctgtg tctaaatttg taagtaccaa ttctggagct 4200
261 agcagaaagc ttagctcagc cagtcctcatg agcacttgcg cggaggatgg cttgtgacag 4260
263 agtcaatgtc agaagacagc atccctgatt cccagctctg cacttgctc gtggccatgt 4320
265 gtaattactt tggcttgatt aagtatttg gaaagccagt tcccacggac ctacataatc 4380
267 tgaagaacca tgcattgaaa actagaaagc tgggcacaaa cttactagag atgattttg 4440
269 agtcattaa acggatgtc tgaatgtgg caaaatcaac ccagaataac aacaaaagag 4500
271 ctggatttgc aaataggaca agtattttaga atcaactgtt ttaatagcta tcattttat 4560
273 taaaatatag ggccttatata tatatttaag attaaacaca agagtggata gcctcccaat 4620
275 ttacttggcc tggtttcaaa agagaaaa tatcgtcat ggttattttat tagtgtcatg 4680
277 aaagtagatgat atggaaaccc tttccttact ttttacccctt atttcttagt ttttttttc 4740
279 ttcacaccct gatcaagcca ctagtaagca cctatctgtc gtgagctatt atatgactt 4800
281 acagcaaaaca acattgtgt gtggccttt tggggaaagg aacaggatag caggaggctc 4860
283 aggctagcaa gtctgacttg ccctaaagcc agaggcatgg ttgatagcag agaaaagttag 4920
285 gctttcgca agtgggtgtg cttaaagtaat cagaaacagg aaggctccgg ttgatggat 4980
287 tatacgtaaat atatctaccc ttatctcctt ctatcgaacc taaatcgct ctttttctt 5040
289 tgttaggtc gataaacaca cttttttctt tttgagtgtt catggcttt tagattttta 5100
291 gtgtctgcc agttttgtt aggggtttt gttaccttgc acctggctt ggatgttagc 5160
293 atgccaaggcacacacttc tgaatgcctg tggaaaaggat tattttatcat ttactttgtc 5220
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299 atgctgtcac atgaaagagt gtttaggccc gctctcatgg ctctggaaaa agcaccaata 5400
301 ggggaaggaa ttttatgtc agaaatctga cccgcaggaa aactggtcag agctcccccg 5460
303 aagaccacca cagggtttaa gttagAACAG tccagggtgg gctcatgtaa tagaatggaa 5520
305 cagagcgagg gaagataagc tacaaagttt catagggtcc ggagtcttaa agataaaaaa 5580
307 tagctgttttggggcataa caaaggaagt ctgggaaggc agcaagttag agggaaatgg 5640
309 aaagggaaaa aacagaatgt agaggacttg aacagctaca aatcctctac cagacgattt 5700
311 ttcttggaaac aatctagaag gtagtggatt aggtgatttc agggggactt gctttggcat 5760
313 ttgaatctgg gtttttgtt ctccatttgag gttgaaagcg tcaccctttt taccctcgaa 5820
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317 gaacagacac tcgggaccc tccttgcacaa aaaaaatggaa aacctgttgc ttgtcttgc 5940
319 tgtcttttg ttaagaaaggc acaggcaaaag cccgaccaca tgggttgcattt gtgggtctt 6000
321 gagtcagggc ttttgagttt agcactcatc aatagttgtt catggtcagg tggagggtca 6060
323 cctgtcaggc cgagcccttc tggttcgc cttaaacatct ccaggtctca gtatcacttc 6120
325 ctgtactta gcacagttttag gagttgagca aaccctttttt tccaaaccccc actaaaaattt 6180
327 aattgacaaa agactgtgtt aatttggggta tacagtgtga taattgtatc atgtgtgcatt 6240
329 tgtgcaaggt tcaataagat agattaatag gcccacatcaac agctttatgg gtgtgaaatg 6300
331 caagtaataat aggttagatgc ctgtgggtgc cttaggtcag aaaggcatga ttttaaggc 6360
333 ttggcataat catattatac tcatgtttaaa aatacattat gttgattttag aatctttttag 6420
335 agaaggctga tacttggtt tggtgctcag caagcaaattt tcaccagctc tttctactg 6480

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337 gtaccactt agaaaatgct acctgtgctc aaattggttt gtattcttat tttcatag 6540
339 tggagagagt ggagagatca aggcgattgg ggaactggac ctgctgtta tgtctctgag 6600
341 aaatgcttc gtctgagcga gaagaagcta gaaaacgaag aactgctct tcctgccttc 6660
343 taaaaagaac aataagatcc ctgaatggac ttttttacta aaggaaagtg agaagctaac 6720
345 gtccatcatc attagaagat ttcacatgaa acctggctca gttaaaaaag aaaatagtgt 6780
347 caagttgtcc atgagaccag aggttagactt gataaccaca aagattcatt gacaatattt 6840
349 tattgtcact gatgatacaa cagaaaaata atgtacttta aaaaatttgtt taaaaggagg 6900
351 ttacctctca ttccctttaga aaaaaagctt atgtaacttc atttccatat ccaatatttt 6960
353 atatatgtaa gtttattttat tataagtata cattttattt atgtcagttt attaataatgg 7020
355 atttattttat agaaaacattna tctgcttattt atatttagta taaggcaaat aatattttatg 7080
357 acaaataacta tgaaaacaag atatctttagg cttaataaaa cacatggata tcataaatot 7140
359 tctgtcttgc aatttttctc ccttaataat caacaataacc atcatcatca tcattaccca 7200
361 atcattctca tgatttcatg cttgaccat attataactgt taaagtttgt tcctggagge 7260
363 ctgtggtttt gtgtgtgttg tgggggttatg catgtgaaag ccagagatgg 7320
365 atatttaggtt ttcttctcta tcagtcatttgc ccttatttt tgagacaggg tctgtcactg 7380
367 aaccctgttgc taggctggcc aacaagctct attaattttt tttttttttt attaattttatg 7440
369 tttttttttt 7445

372 <210> SEQ ID NO: 9

373 <211> LENGTH: 1111

374 <212> TYPE: DNA

375 <213> ORGANISM: *Mus musculus*

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W--> 377 <400> SEQUENCE: 9

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380 gcagaaaatct atgagttttt cccttatggg gactttggcc gccagctgcc tgcttctcat 120
382 tgccctgtgg gcccaggagg caaatgcgt gccccatcaac accccgggtca agcttgaggt 180
384 gtccaaacctc cagcagccgt acatgtcaa ccgcacccctt atgctggcca aggaggccag 240
386 ccttgcagat aacaacacag acgtccggct catcggggag aaactgttcc gaggagtca 300
388 tgctaaggat cagtgttacc tgatgaagca ggtgctcaac ttccacccctgg aagacattct 360
390 gctccccccag tcagacaggat tccggcccta catgcaggag gtggtgcctt tcctgaccaa 420
392 actcagcaat cagctcagct cctgtcacat cagtggtgac gaccagaaca tccagaagaa 480
394 tgtcagaagg ctgaaggaga cagtaaaaaa gcttggagag agcggagaga tcaaagcgat 540
396 cggggaaactg gacgtgtgt ttatgtctct gagaatgtc tgctgtctgg cgagaagaag 600
398 ctagaaaacg aagaactgtc cttctctggc ttctaaaaaaag aacaataaga tccctgaatg 660
400 gactttttta ctaaaggaaa gtgagaagct aacgtccccc atcatttggatttccat 720
402 gaaaacctggc tcagttgaaa gagaaaaatg tgcaagttt tccatgagac cagaggtaga 780
404 cttgataacc acaaaggatc attgacaata ttatgttc attgataatg caacagaaaa 840
406 agtatgtact ttaaaaaattt gtttggaaagg agtttacctc tcattccctt agaagaaaaag 900
408 cctatgtaac ttcatatccaa taaccaatac ttatatatgt taagtttatttattataatg 960
410 atacattttta ttatgtcag ttatataata tgatgttattt tatagaaaaa ttatctgtat 1020
412 ttgatatttg agtataaaagc aaataatatt tatgataata actatagaaa caagatatct 1080
414 taqgctttaa taaacacatq aatatcataa a 1111

417 <210> SEQ ID NO: 10

418 <211> LENGTH: 21

419 <212> TYPE: DNA

420 <213> ORGANISM: *Mus musculus*

W--> 421 <220> FEATURE:

W = > 422 <400> SEQUENCE

422 <400> SEQUENCE: 10
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/751,797

DATE: 03/22/2001

TIME: 11:46:00

Input Set : A:\09751797.txt
Output Set: N:\CRF3\03222001\I751797.raw

L:26 M:283 W: Missing Blank Line separator, <220> field identifier
L:27 M:283 W: Missing Blank Line separator, <400> field identifier
L:34 M:283 W: Missing Blank Line separator, <220> field identifier
L:35 M:283 W: Missing Blank Line separator, <400> field identifier
L:42 M:283 W: Missing Blank Line separator, <220> field identifier
L:43 M:283 W: Missing Blank Line separator, <400> field identifier
L:50 M:283 W: Missing Blank Line separator, <220> field identifier
L:51 M:283 W: Missing Blank Line separator, <400> field identifier
L:58 M:283 W: Missing Blank Line separator, <220> field identifier
L:59 M:283 W: Missing Blank Line separator, <400> field identifier
L:66 M:283 W: Missing Blank Line separator, <220> field identifier
L:67 M:283 W: Missing Blank Line separator, <400> field identifier
L:74 M:283 W: Missing Blank Line separator, <220> field identifier
L:75 M:283 W: Missing Blank Line separator, <400> field identifier
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L:376 M:283 W: Missing Blank Line separator, <220> field identifier
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L:454 M:283 W: Missing Blank Line separator, <400> field identifier
L:461 M:283 W: Missing Blank Line separator, <220> field identifier
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L:478 M:283 W: Missing Blank Line separator, <220> field identifier
L:479 M:283 W: Missing Blank Line separator, <400> field identifier
L:486 M:283 W: Missing Blank Line separator, <220> field identifier
L:487 M:283 W: Missing Blank Line separator, <400> field identifier
L:494 M:283 W: Missing Blank Line separator, <220> field identifier
L:495 M:283 W: Missing Blank Line separator, <400> field identifier
L:502 M:283 W: Missing Blank Line separator, <220> field identifier
L:503 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:20
L:506 M:283 W: Missing Blank Line separator, <400> field identifier
L:507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:513 M:283 W: Missing Blank Line separator, <220> field identifier
L:514 M:283 W: Missing Blank Line separator, <400> field identifier
L:521 M:283 W: Missing Blank Line separator, <220> field identifier
L:522 M:283 W: Missing Blank Line separator, <400> field identifier
L:529 M:283 W: Missing Blank Line separator, <220> field identifier
L:530 M:283 W: Missing Blank Line separator, <400> field identifier

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L:538 M:283 W: Missing Blank Line separator, <400> field identifier
L:567 M:283 W: Missing Blank Line separator, <220> field identifier
L:568 M:283 W: Missing Blank Line separator, <400> field identifier